
ELIS Incident Report

Part A: General Information

Incident ID

1024154-033

County: Yolo

Incident Date:

through

Year: 2011

State: CA

Total Number: 1

Case #: S09-0816

Country: USA

Total Magnitude:

Weather:

Incident Type

☐ Aqua. Animal

☒ Terr. Animal

☐ Field Study

Created: #####

☐ Aqua. Plant

☐ Terr. Plant

Updated: #####

Abstract:

Brodifacoum (0.040 ppm) and a trace of diphacinone were detected in the liver sample of a red fox from Yolo County, CA. The liver sample was collected from the red fox as part of a long term genetics and population study. The cause of death for the red fox was not reported.
(D1104583-01 S09-0816)

With the present submission it would be important to have postmortem evidence of a coagulopathy for a diagnosis of anticoagulant rodenticide intoxication. In the absence of a coagulopathy, the detected concentrations are consistent with exposure (not intoxication).

Reports

Package # Incident # Source

Report Date

024154 033 CA Dept. of Fish & Game

7/1/2011

ELIS Incident Report

Part B: Pesticide Information

I024154-033

County: Yolo

State: CA

Date:

Pesticide: Brodifacoum (112701)

Type: R

Use Site: N/R

Product: N/R

Appl. Method: N/R

Appl. Rate: N/R

Formulation: N/R

Air/Ground: Gnd

Legality: Undetermined

Certainty: Exposure Only

In the absence of a coagulopathy, the detected concentrations are consistent with exposure (not intoxication).

Pesticide: Diphacinone (067701)

Type: R

Use Site: N/R

Product: N/R

Appl. Method: N/R

Appl. Rate: N/R

Formulation: N/R

Air/Ground: Gnd

Legality: Undetermined

Certainty: Exposure Only

In the absence of a coagulopathy, the detected concentrations are consistent with exposure (not intoxication).

ELIS Incident Report

Part C: Species Information

I024154-033

County: Yolo

State: CA

Date:

1

Species: Red fox

Response: Exposure only

Sci. Name: *Vulpes fulva*

Magnitude: 1

Taxon: Mammal

Habitat: N/R

Age:

Distance: N/R

Rt. of Exposure: N/R

Necropsy

Number:

Condition:

Cholinesterase

Number:

Activity: um/g/min
Percent of Normal

Tissue Residues

Sample Type	PC Code	Pesticide	N	Conc. (ppm)
Liver	067701	Diphacinone (as n/r)	1	Trace
Liver	112701	Brodifacoum (as n/r)	1	0.040

EHIS Incident Report

Part D: Environmental Measurements

County:

State:

Date:

Common Name

PC Code

Degredate

Concentrations
in ppb

Water

Soil

Sediment

Foliage

Min.

Max.

N

LOD

Description

Concentration

N

LOD

Other Samples

Dissolved Oxygen (ppm)

to

pH

to